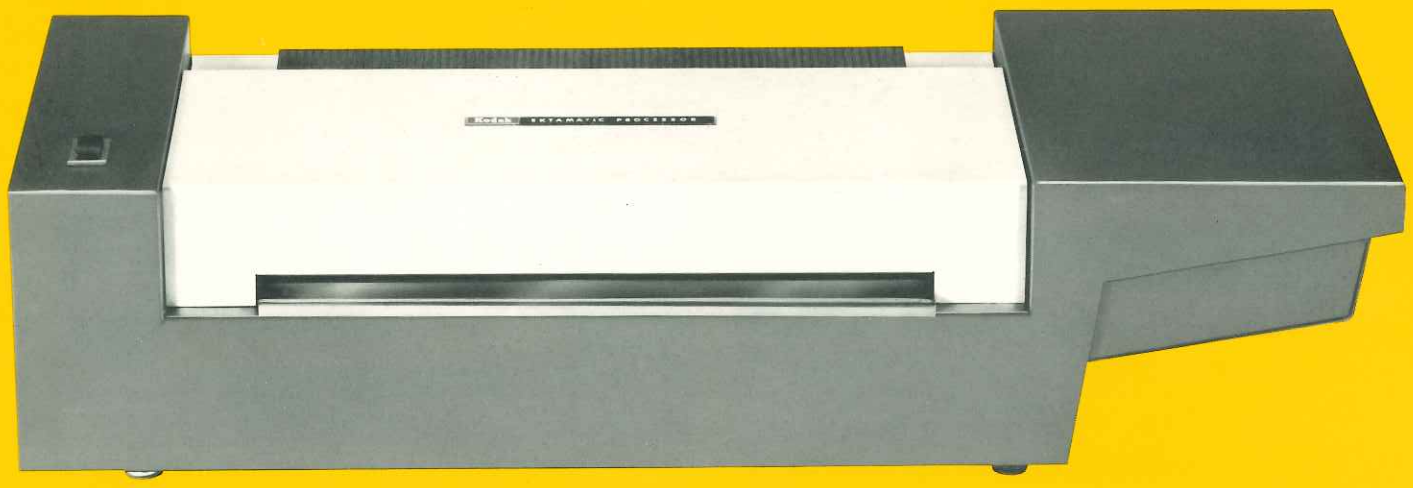
EKTAMATIC* System

Processor Model 218

Kodak

*"EKTAMATIC" is a trademark of Eastman Kodak Company for rapid process papers, chemicals and equipment.



QUALITY PRINTS—CAMERA COPY

STABILIZED AND READY TO USE IN SECONDS

with the KODAK EKTAMATIC Processor, Model 218

CONVENIENT CHEMICAL LOADING

Loading the unbreakable Activator and Stabilizer bottles takes but a moment. Packaged ready to use—no mixing, no pouring.

EASY INSTALLATION

Be ready to turn out top-quality prints in a matter of minutes with no fuss or bother.

No plumbing needed. No tempered water required. Needs little space.

CONTINUOUS CHEMICAL REPLENISHMENT

Unique gravity-feed replenishment system requires no attention.

PROFESSIONAL

Sturdy professional construction will give you top-quality results, year after year.

EASY TO USE

Now get top-quality results in seconds without special paraphernalia. Learn to use in a few minutes.

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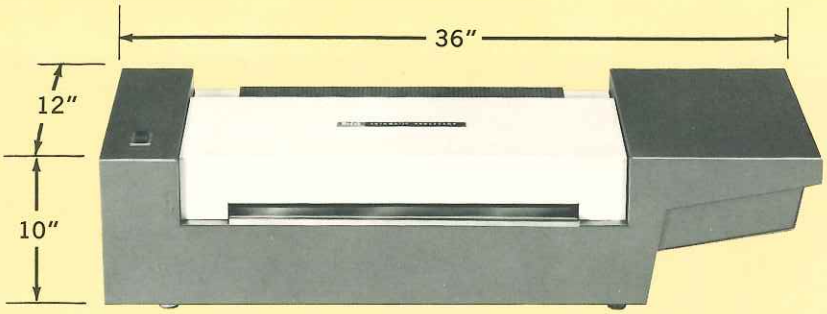
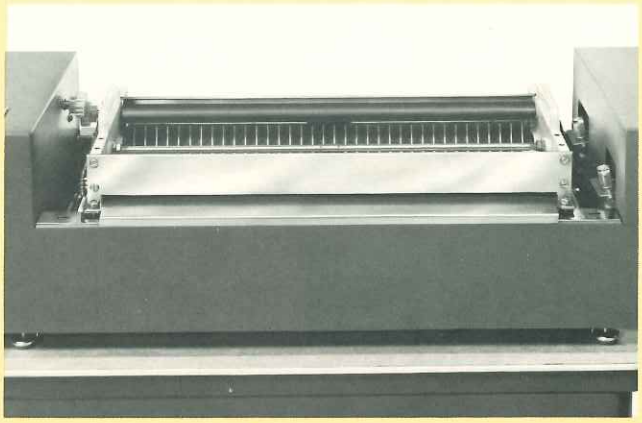
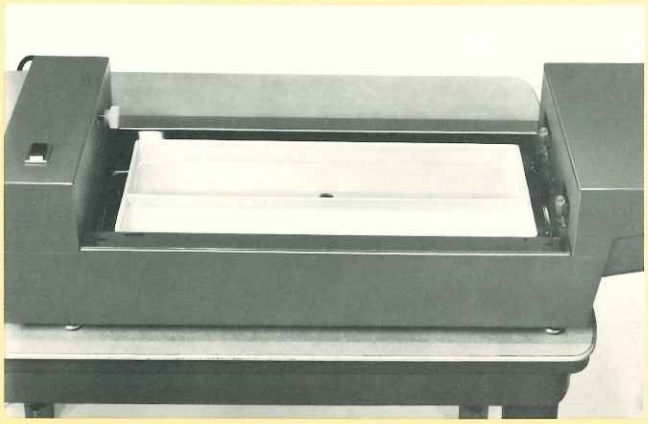
TECHNICAL DATA

63 lb. shipping weight
117 Volt A.C.
50/60 cycle





Precision-engineered roller assembly insures long, dependable life, and consistent results.



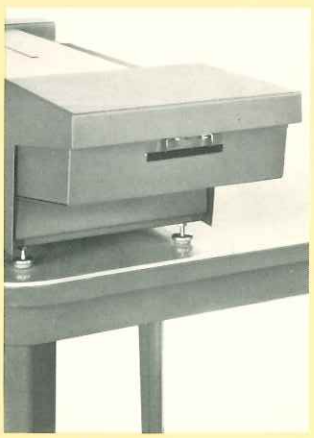
High impact polystyrene tray assembly is easy to clean, keep clean.

CONVENIENT CHEMICAL LOADING

Lower bottle compartment

Set in the two unbreakable bottles

Lower bottle cover



Raise bottle compartment

To empty processor or replace chemicals, simply reverse the above steps. No solution-handling required.

That's all there is to it. Takes only a moment.

See your Kodak dealer. *See your Kodak dealer.*

EKTAMATIC* System

EKTAMATIC SC Paper

Kodak

NEW... NOW

*"EKTAMATIC" is a trademark of Eastman Kodak Company for rapid process papers, chemicals and equipment.

GET TOP-QUALITY PRINTS FAST

WHAT IS STABILIZATION? The temporary arresting of the chemical reaction in a photographic emulsion—a method of obtaining a top-quality working print in seconds.

HOW DOES IT WORK? KODAK EKTAMATIC SC (Selective Contrast) stabilization paper is developed by a two-step process: "Activator" turns the exposed silver halides into a metallic silver image almost instantaneously. "Stabilizer" then arrests the chemical action.

WHY USE STABILIZATION? Because your time is important. Imagine the hours you can save each week by processing in seconds a print that would normally take many minutes.

WHERE TO USE STABILIZATION:

Newspaper—camera copy—Fast
Portrait—Fast quality proofs—Fast publicity prints
Public Relations—Fast release prints
Industrial—Flip Charts, report pictures—Fast
Commercial—Fast—for the client, for the printer
Police—Fast ID prints—Fast evidence

Wherever fast, quality prints are needed.

8x10's in 15 seconds

A 16x20 takes about 25 seconds

"PLUS" FEATURES OF THIS PAPER

Selective Contrast
Full contrast range with KODAK POLYCONTRAST Filters

Convenient
Room temperature operation

Permanizing
Prints may be made permanent after initial use

White Base
For cleaner highlights. Available in surface F, glossy, smooth, single weight.

Projection Speed
Ideal for enlarging or contact printing with reduced illumination

Dry
Damp to the touch. Dry enough for most uses.

Conventional Processing
Can be processed in conventional solutions

Kodak EKTAMATIC* System

EKTAMATIC SC Paper

This paper is particularly useful where minimum processing time is required and lack of print permanence is of little consequence. If greater permanence is required, the stabilized prints can be fixed and washed to yield prints comparable to conventional processing.

SAFELIGHT: KODAK EKTAMATIC SC Paper should be handled and developed by the light of a KODAK Safelight Filter, WRATTEN Series 0C (light amber), used in a suitable safelight lamp **with a 15-watt bulb, kept at least 4 feet from the paper.** Inasmuch as this paper depends on blue and yellow light exposures for contrast control, safelight exposure should be kept at a minimum to avoid unwanted quality changes. Safelight exposures up to 3 minutes under the above lamp and distance conditions should be considered the allowable maximum. **Note:** A Series 0A Safelight Filter must **not** be used.

PRINTING PROCEDURE

EXPOSURE: KODAK EKTAMATIC SC Paper is designed for printing by exposure to tungsten lamps, such as the No. 302, used in the KODAK Auto-Focus Enlarger (5 x 7), or the No. 212 lamp, used in other types of enlargers.

The figures in the table below are based on exposures through various KODAK POLYCONTRAST Filters with a No. 302 tungsten lamp in a KODAK Auto-Focus Enlarger (5 x 7) and recommended development. Other enlargers with different optical systems may yield slightly different results.

KODAK POLYCONTRAST Filter*	Shadow Speed	Printing Index	Approximate Scale Index
PC 1	250	1600	1.7
PC 1½	500	1600	1.5
PC 2	500	1600	1.4
PC 2½	500	1600	1.3
PC 3	400	1250	1.2
PC 3½	320	1000	1.1
PC 4	200	500	1.1

*White-light exposure (exposure with no filter) would have shadow speed of 650, printing index of 2500, and approximate scale index of 1.4.

STABILIZATION PROCESSING

Stabilization processing can be accomplished in two-bath stabilization processors. Specific treatment times depend upon the design of the processor. However, the following conditions are recommended:

Activate. KODAK EKTAMATIC A10 Activator at 70 F (range, 65-85 F).

Stabilize. KODAK EKTAMATIC S30 Stabilizer at 70 F (range, 65-85 F).

IMPORTANT—Do not rinse or wash the print after it comes out of the stabilizer.

Dry. Prints coming out of the processor are partially dry and usable. Complete drying takes only a few additional minutes at room temperature. Auxiliary drying equipment is not recommended.

Stability of Prints. The stabilized prints are subject to deterioration with exposure to both light or heat and humidity. Because of the extreme dependence on the degree and combination of these factors, meaningful information cannot be given regarding the expected useful life of the prints.

If more stable prints are desired, the following post-stabilization treatments are recommended:

Fix. Immerse the stabilized prints for 8-12 minutes with agitation in KODAK Fixer, KODAK Fixing Bath F-5 or F-6, KODAK Rapid Fixer (Paper Dilution) or KODAFIX (Paper Dilution) at 65-70 F.

Wash. Transfer the prints with or without rinsing to a solution of KODAK Hypo Clearing Agent. Treat prints at least two minutes with agitation at 65-70 F. Then wash prints at least 10 minutes with agitation and normal water flow. Prints not treated in KODAK Hypo Clearing Agent should be washed for at least one hour in running water at 65-70 F.

Dry. Prints can be dried or ferrotyped in the conventional manner.

Replenishment of activator and stabilizer. After filling the trays of the processor, add additional solution to maintain the solution level as processing proceeds.

Capacity. Because of the variable volume of the trays in the equipment, a valid solution capacity in square feet per gallon is not applicable. However, the processing chemicals should be discarded and the processor should be cleaned after about 400 8 x 10-inch prints (or the equivalent area in other sizes) have been processed, or after one week's use, whichever occurs first.

Storage Life. The storage life of the solutions is indefinite in the original sealed package. Do not store chemicals in areas having temperatures above 120 F.

CONVENTIONAL TRAY PROCESSING

KODAK POLYCONTRAST Filter*	Shadow Speed	Printing Index	Approximate Scale Index
PC 1	400	2000	1.5
PC 1½	800	2000	1.3
PC 2	800	2000	1.2
PC 2½	800	2000	1.1
PC 3	650	1600	1.1
PC 3½	500	1250	1.0
PC 4	320	650	1.0

*White-light exposure (exposure with no filter) would have shadow speed of 1000, printing index of 3200, and approximate scale index of 1.3.

Develop in KODAK DEKTOL Developer diluted 1:2 or KODAK Developer D-72 diluted 1:2 with continuous agitation for about 60 seconds at 68 F. The useful range of developing times is 45 to 120 seconds.

Rinse in KODAK Indicator Stop Bath or a fresh KODAK Stop Bath SB-1 for 5 to 10 seconds, with agitation, at 65 to 70 F.

Fix in KODAK Fixer, KODAFIX Solution diluted 1:7, KODAK Rapid Fixer diluted 1:7, or KODAK Fixing Bath F-5 or F-6 for 5 to 10 minutes at 65 to 70 F with frequent agitation.

Wash. After fixing, KODAK Hypo Clearing Agent can be used to reduce washing time and to obtain more complete washing. Transfer the prints, with or without a previous rinse, to the clearing agent solution. Treat in the solution at least 2 minutes, with agitation, at 65 to 70 F. Wash at least 10 minutes with agitation and normal water flow.

Prints not treated in KODAK Hypo Clearing Agent solution should be washed for at least one hour in running water at 65 to 70 F.

Dry. When washing is completed, remove as much excess water as possible from the prints. They can then be placed on cheesecloth stretchers, between clean, white photo blotters, or on a belt dryer. Or, for high gloss, transfer the prints directly from the water to clean, wet ferrotype plates; squeegee the prints into close contact with the plates and allow them to dry.

Toning. This paper can be toned with any of the following toners: KODAK Brown Toner, KODAK Polysulfide Toner T-8, KODAK Sepia Toner, KODAK Sulfide Sepia Toner T-7a, and KODAK Hypo Alum Sepia Toner T-1a.

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